

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Cancelled)
2. (Currently Amended) A Procedure method for producing a compensation collar for an injection valve, ~~characterized in that comprising the steps of inserting the compensation collar-(9) is inserted between two flat areas and is plastically deforming the compensation collared~~ to a presettable thickness by compressing the two areas together.
3. (Currently Amended) ~~Procedure~~ A method according to Claim 2, ~~characterized in that wherein~~ the compensation collar-(9) consists of a flowable material, ~~that and the material of the compensation collar compression ring begins to flow during the compression and is thereby permanently plastically deformed.~~
4. (Currently Amended) A method ~~Procedure~~ according to Claim 2 ~~or Claim 3~~, ~~characterized in that wherein~~ the compensation collar-(9) is inserted into a housing-(1) of a fuel injector, the compensation collar-(9) being arranged in the area of an actuating drive (5, 7) which projects into ~~the an~~ opening of the compensation collar-(9), ~~that and the compensation collar-(9) is pressed against the housing with a prestressing device until the prestressing device has moved the actuating drive (5, 7) into a presettable position, the thickness of the compensation collar-(9) being reduced.~~
5. (Currently Amended) A method ~~Procedure~~ according to Claim 4, ~~characterized in that wherein~~ the prestressing device in the areas that act on the actuating drive (5, 7) has a boss with a given height-(h), ~~that and the boss is surrounded by a circumferential edge set back by the given height-(h), this edge adjoining the compensation collar-(9).~~

6. (Currently Amended) A method ~~Procedure~~ according to Claim 4 ~~or 5~~, characterized ~~in that wherein~~ the actuating drive (7) is a servo valve, and ~~that the~~ given position corresponds to the opening of the servo valve.

7. (Currently Amended) A method ~~Procedure~~ according to Claims 2 ~~through 5~~, characterized ~~in that wherein~~ the compensation collar (9) is made of soft iron or soft copper.

8. (Currently Amended) ~~Injection~~ An injection valve with comprising a piezoactor ~~with having a housing with an opening~~, the piezoactor being movable in the housing and moving in direction out of the housing opening when triggered and making connection with an actuator, ~~characterized in that wherein~~ between the housing (3) of the piezoactor (2) and the housing (1) of the injection valve, a compensation collar (9) is arranged, the thickness of which has been adjusted by plastic deformation.

9. (Currently Amended) Injection valve with comprising:
_____ a piezoactor ~~with arranged within a housing, the piezoactor and~~ being arranged to be movable in the housing and moving in direction out of the housing when triggered and making connection with an actuating drive, ~~that wherein~~ the end of the piezoactor adjoining the actuating drive has a given idle stroke distance from the leading edge of the housing (3), ~~and that the~~ leading edge of the housing (3) is arranged at the level of the actuating drive (5, 7), and
_____ a compensation collar arranged between the housing and the piezoactor for compensating tolerances in the idle stroke distance.

10. (Currently Amended) Injection valve ~~Procedure~~ according to Claim 9, characterized ~~in that, for surface grinding the housing (3) and the base plate (4) of the piezoactor (2), the piezoactor (2) is clamped into a grinder, electrical voltage (U) being applied to the piezoactor (2) via slip rings wherein the compensation collar consists of a soft, deformable material.~~

11. (NEW) Injection valve according to Claim 10, wherein the compensation collar consists of soft iron or soft copper.
12. (NEW) Injection valve according to Claim 9, wherein the thickness of the compensation collar has been adjusted by plastic deformation.
13. (NEW) Injection valve according to Claim 8, wherein the compensation collar consists of a soft, deformable material.
14. (NEW) Injection valve according to Claim 12, wherein the compensation collar consists of soft iron or soft copper.